WEST Search History

DATE: Thursday, July 03, 2003

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,PGPB; PLUR=YES; OP=OR		
L20	L19 and onset$3	45	L20
L19	L18 and alzheimer$3	114	L19
L18	L17 or l16 or l15	185	L18
L17	L4 and (circadian or circad$5)	56	L17
L16	L15 and (circadian or circad$5)	1	L16
L15	L14 or l13	130	L15
L14	L12 and l1	6	L14
L13	L12 and l2	124	L13
L12	L11 or l10 or l9	13357	L12
L11	l4 and (tim$4)	12968	L11
L10	l4 and (programm$4)	1771	L10
L9	l4 and (controll$4)	7193	L9
L8	l4 and (controll$4 near4 releasS5)	0	L8
L7	((programmed or delay$3 or time$3 or controlled) near3 releasS4)	0	L7
L6	((programmed or time$3 or controlled) near3 releasS4)	0	L6
L5	L4 and ((programmed or time$3 or controlled) near3 releasS4)	0	L5
L4	L3 or l2	14555	L4
L3	(ACE or aceytlcholinesterase)	14425	L3
L2	(galanthamine or lycoramine)	134	L2
L1	((514/219)!.CCLS. |(411/)!.CCLS.)	148	L1

END OF SEARCH HISTORY

```
  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:43:48 ON 03 JUL 2003

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 09:44:08 ON 03 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:     1 JUL 2003  HIGHEST RN 540721-20-8
DICTIONARY FILE UPDATES:    1 JUL 2003  HIGHEST RN 540721-20-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> e galanthamine/cn
E1            1     GALANTHAMIN-14-OIC ACID, 3-DEOXY-1,2-DIHYDRO-3-OXO-, ETHYL E
                    STER, (.+-.)-/CN
E2            1     GALANTHAMIN-14-OIC ACID, O6-DEMETHYL-3-DEOXY-1,2-DIHYDRO-3-O
                    XO-, ETHYL ESTER, (.+-.)-/CN
E3            1 --> GALANTHAMINE/CN
E4            1     GALANTHAMINE (+)-DI-O-P-TOLUOYL-D-TARTRATE (2:1)/CN
E5            1     GALANTHAMINE .ALPHA.-NAPHTHYLCARBAMATE/CN
E6            1     GALANTHAMINE .BETA.-N-OXIDE/CN
E7            1     GALANTHAMINE 2-O-HEMISUCCINATE/CN
E8            1     GALANTHAMINE BUTYLCARBAMATE/CN
E9            1     GALANTHAMINE CARBONATE/CN
E10           1     GALANTHAMINE CHLOROAMYLATE/CN
E11           1     GALANTHAMINE ETHIODIDE/CN
E12           1     GALANTHAMINE ETHOHYDROXIDE/CN

=> s e3
L1            1 GALANTHAMINE/CN

=> d l1

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   357-70-0  REGISTRY
CN   6H-Benzofuro[3a,3,2-ef][2]benzazepin-6-ol, 4a,5,9,10,11,12-hexahydro-3-
     methoxy-11-methyl-, (4aS,6R,8aS)- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   6H-Benzofuro[3a,3,2-ef][2]benzazepin-6-ol, 4a,5,9,10,11,12-hexahydro-3-
     methoxy-11-methyl- (7CI)
CN   Galanthamine (6CI, 8CI)
OTHER NAMES:
CN   (-)-Galanthamine
```
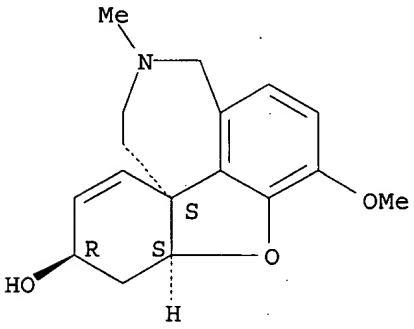

CN 6H-Benzofuro[3a,3,2-ef][2]benzazepin-6-ol, 4a,5,9,10,11,12-hexahydro-3-methoxy-11-methyl-, [4aS-(4a.alpha.,6.beta.,8aR*)]-
CN Galantamin
CN Galantamine
CN Jilkon
CN Lycoremin
CN Lycoremine
CN [4aS-(4a.alpha.,6.beta.,8aR*)]-4a,5,9,10,11,12-Hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-ol
FS STEREOSEARCH
DR 736-79-8, 1551-02-6
MF C17 H21 N O3
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CIN, DDFU, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, HODOC*, IPA, MEDLINE, MRCK*, NAPRALERT, PHAR, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
    (*File contains numerically searchable property data)
    Other Sources: WHO

Absolute stereochemistry. Rotation (-).



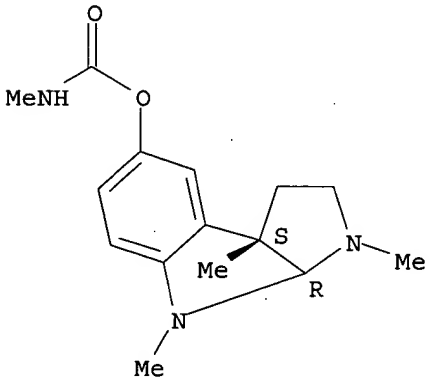
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

603 REFERENCES IN FILE CA (1957 TO DATE)
21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
604 REFERENCES IN FILE CAPLUS (1957 TO DATE)
27 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

```
=> e physostigmine/cn
E1            1     PHYSOPERUVINE HYDROCHLORIDE/CN
E2            1     PHYSOSIDE/CN
E3            1 --> PHYSOSTIGMINE/CN
E4            1     PHYSOSTIGMINE AMINOXIDE/CN
E5            1     PHYSOSTIGMINE AURICHLORIDE/CN
E6            1     PHYSOSTIGMINE BENZOATE/CN
E7            1     PHYSOSTIGMINE CITRATE/CN
E8            1     PHYSOSTIGMINE HEMISULFATE/CN
E9            1     PHYSOSTIGMINE HYDROBROMIDE/CN
E10           1     PHYSOSTIGMINE HYDROCHLORIDE/CN
E11           1     PHYSOSTIGMINE MERCURI-IODIDE/CN
E12           1     PHYSOSTIGMINE N-OXIDE/CN

=> s e3
L2            1 PHYSOSTIGMINE/CN

=> d l2
```

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 57-47-6 REGISTRY
CN Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS,8aR)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN **Physostigmine (8CI)**
CN Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-
OTHER NAMES:
CN (-)-Eserine
CN (-)-Physostigmine
CN Cogmine
CN Eserine
CN Esromiotin
CN MCV 4484
CN NIH 10421
CN Physostol
FS STEREOSEARCH
DR 511-49-9, 50975-37-6
MF C15 H21 N3 O2
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC, PHAR, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: EINECS**, NDSL**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (-).

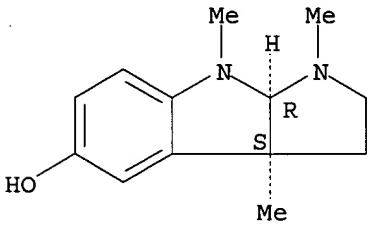


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3514 REFERENCES IN FILE CA (1957 TO DATE)
34 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3517 REFERENCES IN FILE CAPLUS (1957 TO DATE)
23 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e eseroline/cn
E1 1 ESERMETHOLE/CN
E2 1 ESERMETHOLE, PICRATE/CN
E3 1 --> ESEROLINE/CN
E4 1 ESEROLINE FUMARATE/CN

```
E5            1      ESEROLINE N-METHYL-N-(M-CHLOROPHENYLCARBAMOYL)CARBAMATE/CN
E6            1      ESEROLINE N-PROPYL-N-(PROPYLCARBAMOYL)CARBAMATE/CN
E7            2      ESEROLINE SALICYLATE/CN
E8            1      ESEROLINE TARTRATE/CN
E9            1      ESEROLINE, (+)-/CN
E10           1      ESEROLINE, DEOXY-/CN
E11           1      ESEROLINE, DEOXY-, PICRATE/CN
E12           1      ESEROS-GS/CN

=> d l3
L3 NOT FOUND
The L-number entered has not been defined in this session, or it
has been deleted.  To see the L-numbers currently defined in this
session, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s e3
L3            1 ESEROLINE/CN

=> d l3

L3   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   469-22-7  REGISTRY
CN   Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-,
     (3aS,8aR)- (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Eseroline (6CI, 7CI, 8CI)
CN   Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-,
     (3aS-cis)-
OTHER NAMES:
CN   (-)-Eseroline
CN   MCV 4481
CN   NIH 10398
FS   STEREOSEARCH
MF   C13 H18 N2 O
CI   COM
LC   STN Files:   AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
       BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CHEMINFORMRX, DDFU, DRUGU,
       EMBASE, HODOC*, IPA, MEDLINE, NAPRALERT, NIOSHTIC, PHAR, TOXCENTER,
       USPATFULL
         (*File contains numerically searchable property data)

Absolute stereochemistry.
```




```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

              89 REFERENCES IN FILE CA (1957 TO DATE)
              90 REFERENCES IN FILE CAPLUS (1957 TO DATE)
               4 REFERENCES IN FILE CAOLD (PRIOR TO 1967)


=> e yu94/cn
E1            1      YU8N16DK15SO/CN
E2            1      YU8N16DK15STA/CN
```

```
E3            0 --> YU94/CN
E4            1     YUA 001/CN
E5            1     YUA 25-005/CN
E6            1     YUAGSHA 1/CN
E7            1     YUAGSHA 2/CN
E8            1     YUAJAZULENE/CN
E9            1     YUANAMIDE/CN
E10           1     YUANANTAXUSIN A/CN
E11           1     YUANFULIITE/CN
E12           1     YUANFULIITE ((FE0.5-1AL0-0.5MG0-0.5)(MG0.5-1(MG0.5TI0.5)0-0.
                    5)(BO3)O)/CN

=> e yu94/rn
E1            1     99999-98-1/RN
E2            1     99999-99-2/RN
E3            0 --> YU94/RN
**** END OF FIELD ****

=> s e1
L4            1 99999-98-1/RN

=> d l4

L4   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   99999-98-1  REGISTRY
CN   1-Piperazineethanol, .alpha.-cyclohexyl-.beta.,4-dimethyl-.alpha.-phenyl-,
     hydrochloride (7CI)  (CA INDEX NAME)
MF   C20 H32 N2 O . x Cl H
SR   CAOLD
LC   STN Files:   BEILSTEIN*, CA, CAOLD, CAPLUS, TOXCENTER
         (*File contains numerically searchable property data)
CRN  (95700-63-3)
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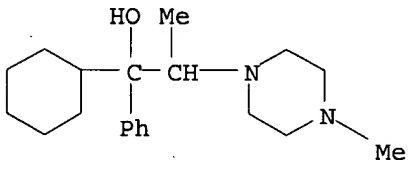

●x HCl

```
          1 REFERENCES IN FILE CA (1957 TO DATE)
          1 REFERENCES IN FILE CAPLUS (1957 TO DATE)
          1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

```
=> e rivastigmine/cn
E1            1     RIVASIN/CN
E2            1     RIVASTATIN/CN
E3            1 --> RIVASTIGMINE/CN
E4            1     RIVASTIGMINE HYDROGENTARTRATE/CN
E5            1     RIVER ACE K-O/CN
E6            1     RIVER ACE STEEL 60/CN
E7            1     RIVER BON PC/CN
E8            1     RIVER LITE/CN
E9            1     RIVER LITE 20-5SR/CN
E10           1     RIVER LITE 20-5USR/CN
E11           1     RIVER LITE 410 DB/CN
E12           1     RIVER TEN 41/CN

=> s e3
L1            1 RIVASTIGMINE/CN

=> d l1

L1   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   123441-03-2  REGISTRY
CN   Carbamic acid, ethylmethyl-, 3-[(1S)-1-(dimethylamino)ethyl]phenyl ester
     (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Carbamic acid, ethylmethyl-, 3-[1-(dimethylamino)ethyl]phenyl ester, (S)-
OTHER NAMES:
CN   ENA 713 free base
CN   Exelon
CN   Rivastigmine
CN   SDZ 212-713
FS   STEREOSEARCH
MF   C14 H22 N2 O2
CI   COM
SR   CA
LC   STN Files:   ADISINSIGHT, ADISNEWS, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA,
       CANCERLIT, CAPLUS, CHEMCATS, CIN, DDFU, DIOGENES, DRUGNL, DRUGPAT,
       DRUGU, DRUGUPDATES, IPA, MEDLINE, MRCK*, PHAR, PHARMASEARCH, PROMT,
       SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
         (*File contains numerically searchable property data)
     Other Sources:   WHO
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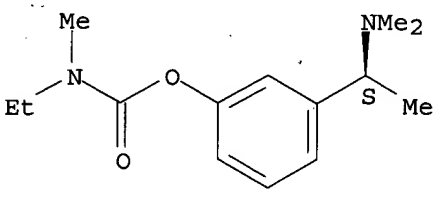
Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

122 REFERENCES IN FILE CA (1957 TO DATE)

```
              2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
            123 REFERENCES IN FILE CAPLUS (1957 TO DATE)


=> e probanthine/cn
E1            1     PROBANIL/CN
E2            1     PROBANIL-LASSO MIXT./CN
E3            0 --> PROBANTHINE/CN
E4            1     PROBAPHEN/CN
E5            1     PROBAQBLE GTP-BINDING PROTEIN (CLOSTRIDIUM PERFRINGENS STRAI
                    N 13 GENE CPE0108)/CN
E6            1     PROBARBITAL/CN
E7            1     PROBARBITAL CALCIUM/CN
E8            1     PROBARBITAL CALCIUM TRIHYDRATE/CN
E9            1     PROBARBITAL SODIUM/CN
E10           1     PROBARBITAL, CA DERIV./CN
E11           1     PROBARBITONE/CN
E12           1     PROBARBITONE SODIUM/CN

=> e robinul/cn
E1            1     ROBINSONITE (SB8PB5S17)/CN
E2            1     ROBINSONITE, BISMUTHIAN/CN
E3            1 --> ROBINUL/CN
E4            1     ROBIOCINA/CN
E5            1     ROBISELLIN/CN
E6            1     ROBISON ESTER/CN
E7            1     ROBIT/CN
E8            1     ROBITET/CN
E9            1     ROBITRIN/CN
E10           1     ROBITUSSIN/CN
E11           1     ROBIZONE/CN
E12           1     ROBO 224/CN

=> s e3
L2            1 ROBINUL/CN

=> d l2

L2   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS
RN   596-51-0  REGISTRY
CN   Pyrrolidinium, 3-[(cyclopentylhydroxyphenylacetyl)oxy]-1,1-dimethyl-,
     bromide (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   3-Hydroxy-1,1-dimethylpyrrolidinium bromide .alpha.-cyclopentylmandelate
     (6CI, 7CI)
CN   Pyrrolidinium, 3-hydroxy-1,1-dimethyl-, bromide, .alpha.-
     cyclopentylmandelate (8CI)
OTHER NAMES:
CN   .beta.-1-Methyl-3-pyrrolidyl-.alpha.-cyclopentylmandelate methobromide
CN   1,1-Dimethyl-3-hydroxypyrrolidinium bromide .alpha.-cyclopentylmandelate
CN   AHR-504
CN   Asecryl
CN   Copyrrolate
CN   Gastrodyn
CN   Glycopyrrolate
CN   Glycopyrrolate bromide
CN   Glycopyrronium bromide
CN   Nodapton
CN   Robanul
CN   Robinul
CN   Tarodyl
CN   Tarodyn
MF   C19 H28 N O3 . Br
CI   COM
```

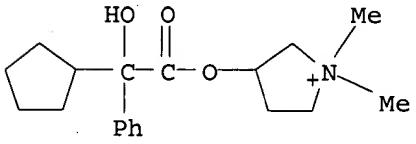
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, PHARMASEARCH, PROMT, RTECS*, TOXCENTER, USAN, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: EINECS**, WHO

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (13283-82-4)



● Br^-

224 REFERENCES IN FILE CA (1957 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
224 REFERENCES IN FILE CAPLUS (1957 TO DATE)
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)